



State Of Ohio Environmental Protection Agency

Southeast District Office
2195 Front Street; Logan, Ohio 43138 -9031

(614) 385-8501

US EPA RECORDS CENTER REGION 5



454891

ENTERED



Richard F. Celeste, Governor

March 10, 1986

Re: JACKSON COUNTY
JACKSON SANITARY LANDFILL
HAZARDOUS MATERIALS

Mr. J. Gregory Fields
Sanitary Commercial Services, Inc.
1841 Smith Bridge Road
Jackson, Ohio 45640

Mr. Fields:

On November 26, 1985, Ohio EPA sampled the water from your well to determine if there were any contaminants from the adjacent landfill present in your water supply. The sample was collected from an outside spigot located next to the equipment garage. The water was allowed to run for 10 minutes before the sample was taken.

Enclosed for your information and records are copies of the results from the laboratory analysis conducted by the Ohio Department of Health. The following are my comments on these results:

1. The iron and manganese content of your water is considerably above secondary (aesthetic) standards of 0.30 milligrams per liter and 0.05 milligrams per liter, respectively. While high levels of iron and manganese do not present a health hazard, they can cause discoloration of the water (the water was orange during the time the sample was taken), staining of laundry and plumbing fixtures, and incrustation of pipes. The presence of such high levels of these parameters is most likely related to the coal-bearing strata from which your well draws its water.
2. Your water had a hardness of 249 mg/l (as determined from the amount of calcium and magnesium present). There is no standard value which limits hardness in a drinking water supply and high hardness presents no health hazard. Nevertheless, the hardness of your water is substantially higher than the 80-120 mg/l level considered desirable.

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No priority pollutant organic compounds were found to be present in your water.

Please feel free to contact me at this office if you have any questions concerning these test results.

Michael J. Starkey

Michael J. Starkey
Environmental Scientist
Division of Solid & Hazardous Waste Management

MJS:dm

Enclosures

cc: Roger Hannahs, DSHWM, CO/w/enclosures
cc: Mike Nihiser, DSHWM, SEDO
cc: Jackson County Health Department/w/enclosures